



1A27 Rec'd PCT RCE 06 MAR 2006
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PCT

Docket No. 280512US2PCT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Akira UMEDA

SERIAL NO: 10/554,620

GAU:

FILED: October 27, 2005

EXAMINER:

FOR: DYNAMIC MATRIX SENSITIVITY MEASURING INSTRUMENT FOR INERTIAL SENSORS, AND
MEASURING METHOD THEREFOR

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97

COMMISSIONER FOR PATENTS
ALEXANDRIA, VIRGINIA 22313

SIR:

Applicant(s) wish to disclose the following information.

REFERENCES

- The applicant(s) wish to make of record the references listed on the attached form PTO-1449. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.
- A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

RELATED CASES

- Attached is a list of applicant's pending application(s), published application(s) or issued patent(s) which may be related to the present application. In accordance with the waiver of 37 CFR 1.98 dated September 21, 2004, copies of the cited pending applications are not provided. Cited published and/or issued patents, if any, are listed on the attached PTO form 1449.
- A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

CERTIFICATION

- Each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

DEPOSIT ACCOUNT

- Please charge any additional fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

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Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 280512US2PCT	PATENT & TRADEMARK OFFICE		SERIAL NO. 10/554,620
LIST OF REFERENCES CITED BY APPLICANT		APPLICANT Akira UMEDA					
		FILING DATE October 27, 2005				GROUP	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA						
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION		
	AB	2000-338128	12/08/00	JP(with English abstract & computer generated translation)	YES	NO	NO
	AC	11-2643	01/06/99	JP(with English abstract & computer generated translation)	YES	NO	NO
	AD	10-2914	01/06/98	JP(with English abstract & computer generated translation)	YES	NO	NO
	AE	2002-162413	06/07/02	JP(with English abstract & computer generated translation)	YES	NO	NO
	AF	8-304448	11/22/96	JP(with English abstract & computer generated translation)	YES	NO	NO
	AG	8-233846	09/13/96	JP(with English abstract & computer generated translation)	YES	NO	NO
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)							
AH	Akira UMEDA, et al., "Evaluation of three axes accelerometers using three dimensional shaker and three axes laser interferometer", THE JAPAN SOCIETY OF MECHANICAL ENGINEERS, no. 99-27, pages 51-53 1999 (with English abstract)						
AI	Hiroshi IIOKA, et al., "Characterization of mechanical sensor dynamic performance using precision three dimensional shaker (2 nd report: operation under the pulse mode)", THE JAPAN SOCIETY OF MECHANICAL ENGINEERS, pages 1210-1214 2000 (with English abstract)						
AJ	Akira UMEDA, et al., "Calibration of a three-axis accelerometer as a three-dimensional accelerometer using laser interferometers and a three-dimensional vibration generator", SHINDO ONKYO SHINGIJUTSU SYMPOSIUM KOEN RONBUNSHU, no. 03-2, pages 67-70 06/04/03 (with English abstract)						
AK	Complied by Osamu Taniguchi, "Determination of vibration", VIBRATION ENGINEERING HANDBOOK, chapter 13, pages 624-636 (with partial English translation) 1976						
AL	ISO (the International Organization for Standardization) 16063-11: 1999 (E), pages 1-27						
AM	Hans-Juergen von Martens, et al., Final Report on Key Comparison CCAUV.V-K1, pages 2-141 10/01/02						
AN	ISO 5347 -11:1993 (E), Methods for the calibration of vibration and shock pick-ups—Part 11: Testing of transverse vibration sensitivity, pages 296-297						
AO	ISO 5347-12: 1993 (E), Methods for the calibration of vibration and shock pick-ups—Part 12, Testing of transverse shock sensitivity, pages 298-299						
AP	ISO/TC 108/SC 3 N, ISO/DIS 8041, Human response to vibration—Measuring instrumentation, pages 1-95 07/04/04						
AQ	ISO 2631-1, Mechanical vibration and shock—evaluation of human exposure to whole-body vibration—Part 1: General requirements, pages 1-31 1997						
AR	ISO 5349-1, Mechanical vibration—measurement and evaluation of human exposure to hand-transmitted vibration—Part 1: General requirements, pages 1-24 05/01/01				<input type="checkbox"/> Additional References sheet(s) attached		
Examiner					Date Considered		
*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

U.S. PCT Application Serial No: 10/554,620

Filed: October 27, 2005

Akira UMEDA

Docket No. 280512US2PCT

STATEMENT OF RELEVANCY

- 1) References AB-AJ have been cited in the International Search Report. A copy of these references is being submitted herewith.
- 2) References have been cited in the corresponding Search Report. A copy of these references is being submitted herewith.
- 3) References AK-AR are discussed in the specification. A copy of these references is being submitted herewith.
- 4) References are additional prior art known to Applicant. A copy of these references is being submitted herewith.